



FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICATION SERIAL NO.: 09/930,421

GROUP ART UNIT: ~~2681~~ 2633

APPLICANTS: Noah J. Ternullo et al.

EXAMINER: ~~AAA~~ D. Singh

FILING DATE: August 15, 2001

CONFIRMATION NO.: 1551

RE: METHOD AND APPARATUS FOR INFRARED DATA COMMUNICATION

U.S. PATENT DOCKETS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
DS	5,067,104	11/19/1991	Krishnakumar , et al.	712/226	5/1/1986
DS	5,260,938	11/9/1993	Hofmann	370/269	5/21/1991
DS	5,321,542	6/14/1994	Freitas , et al.	398/127	11/8/1993
DS	5,873,045	2/16/1999	Lee et al.	455/556.2	10/29/1997
DS	6,643,510	11/4/2003	Taylor	455/431	8/29/2001*

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

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* If any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of Applicants' swearing back or other priority determination.

EXAMINER**DATE CONSIDERED**

David Singh

01/03/06



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EXAMINER: ~~Jason Chan~~ D. Singh

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
DS	4,975,926	12/04/90	Knapp	375/1	—
DS	5,260,936	11/09/93	Bardet et al.	370/61	—
DS	5,307,349	04/26/94	Shloss et al.	370/85.2	—
DS	5,663,952	09/02/97	Gentry, Jr.	370/252	—
DS	5,758,087	05/26/98	Aaker et al.	395/200.62	—
DS	5,815,516	09/29/98	Aaker et al.	371/53	—
DS	5,898,713	04/27/99	Melzer et al.	371/53	—

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
DS	EP 0552861 A2	07/28/93	American Telephone & Telegraph Co.	H03M 13/00	No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

DS	Postel, J. (Ed.) (Sept. 1981) "Transmission Control Protocol: Darpa Internet Program Protocol Specification." Prepared for Defense Advanced Research Projects Agency, Information Processing Techniques Office by Information Sciences Institute, University of Southern California, pp. i-85.
DS	Braden, R. et al. (Sept. 1988) "Computing the Internet Checksum." Braden, Borman & Partridge memo, pp. 1-24.

EXAMINER**DATE CONSIDERED**

Dalzid Singh

01/03/06

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EXAMINER: N/A

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
DS	6,108,703	8/22/2000*	Leighton et al.	709/226	5/19/1999
	6,085,030	7/4/2000*	Whitehead et al.	395/200.33	5/2/1997
	6,064,502	5/16/2000*	Burns et al.	359/152	8/25/1997
	6,061,057	5/9/2000*	Knowlton et al.	345/335	2/11/1999
	6,044,403	3/28/2000*	Gerszberg et al.	709/225	12/31/1997
	6,009,441	12/28/1999*	Mathieu et al.	707/516	9/3/1996
	5,969,678	10/19/1999*	Stewart	342/457	11/4/1998
	5,966,225	10/12/1999*	Taglione et al.	359/152	11/12/1996
	6,092,120	7/18/2000*	Swaminathan et al.	709/247	6/26/1998
	5,986,787	11/16/1999*	Ohshima et al.	359/159	3/14/1997
	5,946,697	8/31/1999*	Shen	707/104	4/22/1997
	5,898,836	4/27/1999	Freivald et al.	395/200.48	—
	5,897,622	4/27/1999	Blinn et al.	705/26	—
	5,884,215	3/16/1999	Birchler et al.	701/207	—
	5,878,218	3/2/1999	Maddalozzo, Jr. et al.	395/200.43	—
	5,857,201	1/5/1999	Wright, Jr. et al.	707/104	—
	5,832,296	11/3/1998	Wang et al.	395/823	—
	5,790,605	8/4/1998	Helm et al.	375/347	—
	5,790,295	8/4/1998	Devon	359/189	—
	5,546,211	8/13/1996	Devon	359/154	—
	6,292,283B1	9/18/2001*	Grandbois	359/143	7/17/1998
	6,278,499B1	8/21/2001*	Darbee et al.	348/734	7/6/1999
	6,098,188	8/1/2000*	Kalmanek, Jr. et al.	714/746	6/30/1995
	6,078,806	6/20/2000*	Heinonen et al.	455/406	5/8/1998
	6,026,088	2/15/2000*	Rostoker et al.	370/395	3/28/1995
	5,852,664	12/22/1998	Iverson et al.	380/25	—
	5,845,282	12/1/1998	Alley et al.	707/10	—
	5,831,664	11/3/1998	Wharton et al.	348/13	—
	5,646,608	7/8/1997	Shintani	340/825.52	—
	5,420,572	5/30/1995	Dolin, Jr. et al.	340/825.22	—
W	5,410,326	4/25/1995	Goldstein	348/134	—
DS	5,982,520	11/9/1999	Weiser et al.	359/172	—

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
DS	PCT/US01/25593	8/15/2001	Lockheed Martin Corporation	—	No
DS	WO 02/15438 A1	2/21/2002	Lockheed Martin Corporation	—	No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, etc.)

DS	Noah J. Ternullo et al., US Patent Application S/N: 09/930,004 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR RELIABLE UNIDIRECTIONAL COMMUNICATION IN A DATA NETWORK (Attorney Docket No. 12078-140).
DS	Noah J. Ternullo et al., US Patent Application S/N: 09/929,979 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR DETERMINING THE CONTEXT OF A HANDHELD DEVICE (Attorney Docket No. 12078-141).
DS	Noah J. Ternullo et al., US Patent Application S/N: 09/929,995 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR DELIVERING SERVICES IN A CONSTRAINED ENVIRONMENT (Attorney Docket No. 12078-142).
DS	Noah J. Ternullo et al., US Provisional Patent Application S/N: 60/225,349 filed 8/15/2000 Entitled InfoFlo: A COMMONICATION INFRASTRUCTURE FOR PUSHING CONTEXT TO A MOBILE PDA.
DS	John Cox, "WideRay Beams Data to Handhelds", Network World, May 27, 2002; pages 15 and 18.*

* If any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of Applicants' swearing back or other priority determination.

EXAMINER : Dalzid Singh DATE CONSIDERED : 01/03/06